

Dr. Mow Shiah Lin Scholarship Awardees

2005 – Yuanzhi Tang (Dept of Geosciences)

“Coprecipitation of Cr(VI) with Calcite: Batch Experiments and Spectroscopic Characterization”

2006 – Minhua Shao (Dept of Materials Science and Engineering)

“Electrochemical and Spectroscopic Studies of Fuel Cell Reactions”

2007 – Yuan Sun (Dept of Materials Science and Engineering)

“Highly Crystalline rectangular Palladium Nanoparticles: Colloidal Synthesis and Electron Microscopy Studies”

2008 – Ning Zhang (Dept of Materials Science and Engineering)

“Strain/Stress and Defects Analysis in Silicon Carbide”

2009 – Ying Liu (Dept of Materials Science and Engineering)

“Electrospinning of Biocompatible Polymer Fibers”

2010 – Ping Cao (Dept of Chemistry)

“Mechanistic Study of Amyloid Formation by Islet Amyloid Polypeptide: Implications for Type 2 Diabetes.”

2011 – Zhixun Dou (Dept of Molecular Genetics and Microbiology)

“Stay alive When Starved - Class I PI3K p110beta subunit is a positive regulator of autophagy”

2012 – Yixiong Yang (Dept of Chemistry)

“Cu-based Nanocatalysts for the Production of Renewable Fuel”

2013 – Jo-Ann Jee (Dept of Chemistry)

“Convergent Synthesis of Dendrimers via the Passerini Multicomponent Reaction”

2014 – Meng Yang (Dept of Chemistry)

“Evolutionarily Distinct Heterotetrameric Enzymes in Cholesterol Metabolism from Mycobacterium tuberculosis”

2015 – Kuan Hu (Dept of Biochemistry and Cell Biology)

“Structural analysis of the dodecameric proteasomal activator PafE in Mycobacterium tuberculosis”

2016 – Jianping Huang (Dept of Chemistry)

“Investigation of Electron Transfer and Ion Transport Issues in Rechargeable Metal Ion Batteries”

2017 – Jiefu Yin (Dept of Chemistry)

“Investigating high voltage cathode materials: the impact of crystallite size, chemical composition, and electrolyte on Mg electrochemistry”

2018 – Bingjie Zhang (Dept of Chemistry)

“Synthesis, Characterization and Electrochemistry Study of Hollandite and Todorokite Type MnO₂”

2019 – Haoyue Guo (Dept of Chemistry)

“A First Principles Study of Spinel ZnFe₂O₄ for Electrode Materials in Lithium-ion Batteries”

2019 – Chun-Hao Pan (Dept of Pathology)

“A novel rewired pathway of nucleotide metabolism drives chemoresistance in pancreatic cancer”

2020 – Erwei Huang (Dept of Chemistry)

“Water-promoted interfacial pathways in methane oxidation to methanol on a CeO₂-Cu₂O catalyst”

2020 – Shruti Iyer (Human Genomics at the Graduate Program in Genetics)

“Understanding genetic variation in cancer using targeted long-read sequencing”

2020 – Bingchen Li (Dept of Chemistry)

“Asymmetric Charged Liposomes for Drug Delivery”

2020 – Sha Tan (Dept of Chemistry)

“Electrolyte and Interphase Engineering for low temperature lithium battery applications”

2021 – Miaomiao He (Biochemistry and Structural Biology)

“Brain On Fire: NMDA receptors in Health and Disease”

2021 – Yiming Wan (Biomedical Engineering)

“Nonmonotone invasion landscape by engineered control of metastasis activator levels”

2021 – Daryl (Dedi) Yang (Ecology and Evolution)

“From Site to Biome: Vegetation Distribution, Traits, and Environmental Filtering in Arctic Tundra”

2021 – Chenyu Zhou (Material Science and Engineering)

“Engineering of BiVO₄ Photoanode for Enhanced Photoelectrochemical Water Splitting Activity”